a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of inorganic dielectric having a lower refractive index than that of the core section, the clad section being formed by sputtering, CVD or vapor deposition.

Please add the following new claims:

--47. An organic waveguide comprising:

a substrate;

a buffer layer over the substrate;

a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of inorganic dielectric having a lower refractive index than that of the core section.--

--48. The organic waveguide as set forth in claim 47, wherein the substrate comprises silicon.--

--49. The organic waveguide as set forth in claim 47, wherein the buffer layer comprises silicon oxide.--

--50.   The organic waveguide as set forth in claim 1, wherein the substrate comprises silicon.--

--51.   The organic waveguide as set forth in claim 1, wherein the buffer layer comprises silicon oxide.--

--52.   An optical part, which comprises:

an organic waveguide; and

an optical element selected from the group consisting of a photo-emitting element, a photo-receptive element and a lens, wherein the organic waveguide and the optical element are formed on a single substrate,

and the organic waveguide comprises:

a buffer layer over the substrate;

a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of an inorganic dielectric having a lower refractive index than that of the core section.--

--53.   The optical part as set forth in claim 52, wherein the inorganic dielectric of the clad section is formed by a sputtering method, a CVD method or a vapor deposition method.--

--54. The optical part as set forth in claim 52, wherein a portion of the clad section comprises a masking clad section 'which serves as a mask when processing the core section.--

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Attached hereto is a marked up version showing the changes made to the application by this Amendment.